

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[w\[1118\]; P{w\[+mC\]=Hml-GAL4.Delta}3,
P{w\[+mC\]=UAS-2xEGFP}AH3/MKRS](#)

RRID:BDSC_30142

Type: Organism

Proper Citation

RRID:BDSC_30142

Organism Information

URL: <https://n2t.net/bdsc:30142>

Proper Citation: RRID:BDSC_30142

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=Hml-GAL4.Delta}3, P{w[+mC]=UAS-2xEGFP}AH3/MKRS from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating sna[Sc]. Donor: Sergey Sinenko, Duke University Medical Center

Affected Gene: GAL4, Hml, Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30142

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30142, BL30142

Organism Name: w[1118]; P{w[+mC]=Hml-GAL4.Delta}3, P{w[+mC]=UAS-2xEGFP}AH3/MKRS

Record Creation Time: 20240911T222511+0000

Record Last Update: 20260801T195047+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=Hml-GAL4.Delta}3, P{w[+mC]=UAS-2xEGFP}AH3/MKRS.

No alerts have been found for w[1118]; P{w[+mC]=Hml-GAL4.Delta}3, P{w[+mC]=UAS-2xEGFP}AH3/MKRS.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Varga V, et al. (2025) Role of Hemocytes in the Aging of Drosophila Male Germline. Cells, 14(4).

Hirooka E, et al. (2025) Macrophages promote tumor growth by phagocytosis-mediated cytokine amplification in Drosophila. Current biology : CB, 35(13), 3209.

Hayman DJ, et al. (2025) Expansion of Drosophila haemocytes using a conditional GeneSwitch driver affects larval haemocyte function, but does not modulate adult lifespan or survival after severe infection. The Journal of experimental biology, 228(9).

Yang Y, et al. (2024) Innate immune and proinflammatory signals activate the Hippo pathway via a Tak1-STRIPAK-Tao axis. Nature communications, 15(1), 145.

Deichsel S, et al. (2024) Inhibition of the Notch signal transducer CSL by Pkc53E-mediated phosphorylation to fend off parasitic immune challenge in Drosophila. eLife, 12.

Tanaka T, et al. (2024) Endocytosed dsRNAs induce lysosomal membrane permeabilization that allows cytosolic dsRNA translocation for Drosophila RNAi responses. Nature communications, 15(1), 6993.

Petsakou A, et al. (2023) Cholinergic neurons trigger epithelial Ca²⁺ currents to heal the gut. Nature, 623(7985), 122.

Weaver CM, et al. (2022) Modified protocol for culturing Drosophila S2 R+ cells and adult plasmatocytes to study actin cytoskeleton dynamics. STAR protocols, 3(3), 101588.

Vaibhvi V, et al. (2022) Hemocytes and fat body cells, the only professional immune cell types in Drosophila, show strikingly different responses to systemic infections. Frontiers in immunology, 13, 1040510.

Coates JA, et al. (2021) Identification of functionally distinct macrophage subpopulations in *Drosophila*. *eLife*, 10.

Bakopoulos D, et al. (2020) Insulin-Like Signalling Influences the Coordination of Larval Hemocyte Number with Body Size in *Drosophila melanogaster*. *G3* (Bethesda, Md.), 10(7), 2213.

Chung HL, et al. (2020) Loss- or Gain-of-Function Mutations in ACOX1 Cause Axonal Loss via Different Mechanisms. *Neuron*, 106(4), 589.

Wong CO, et al. (2017) Lysosomal Degradation Is Required for Sustained Phagocytosis of Bacteria by Macrophages. *Cell host & microbe*, 21(6), 719.